

Fig.1

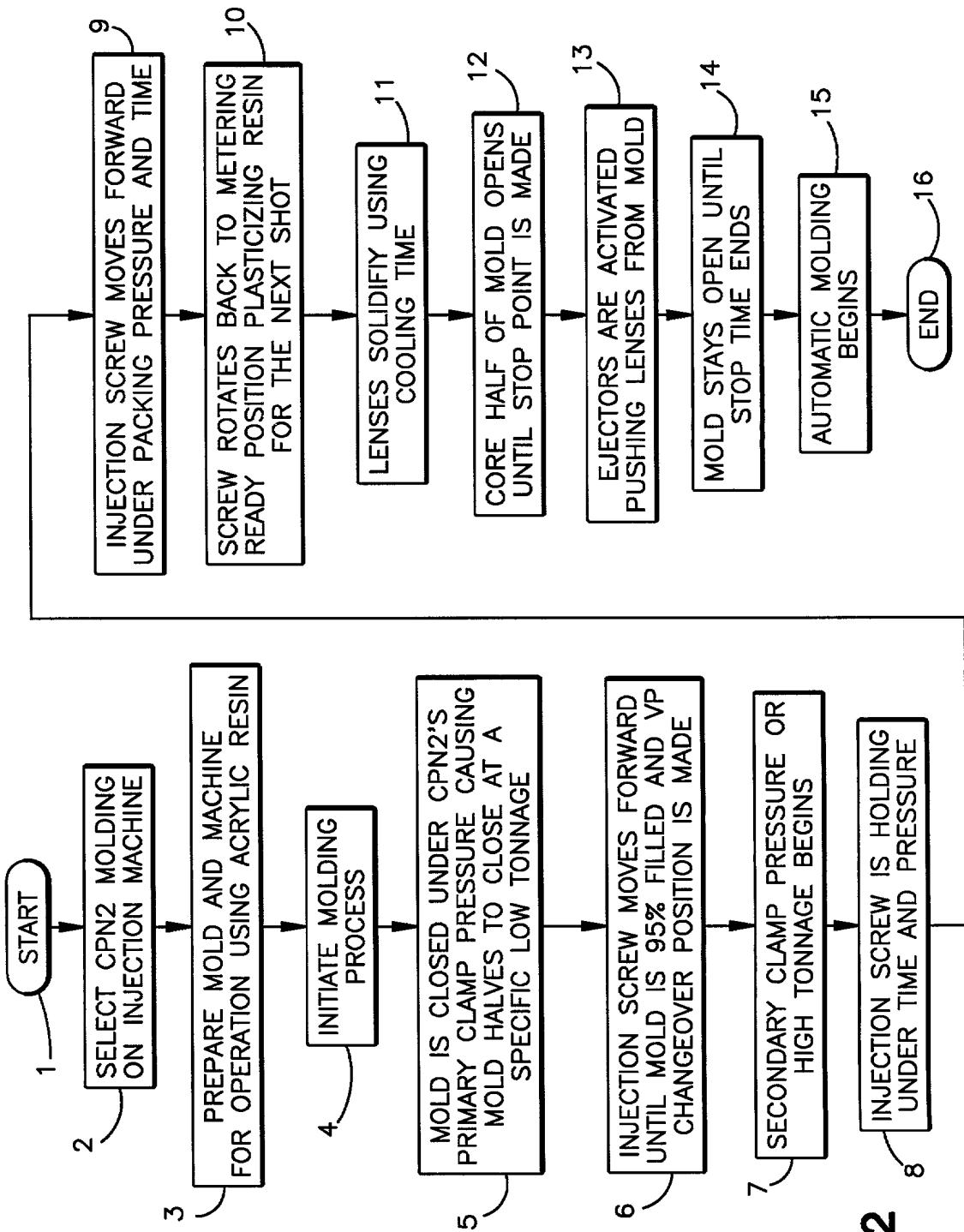


Fig.2

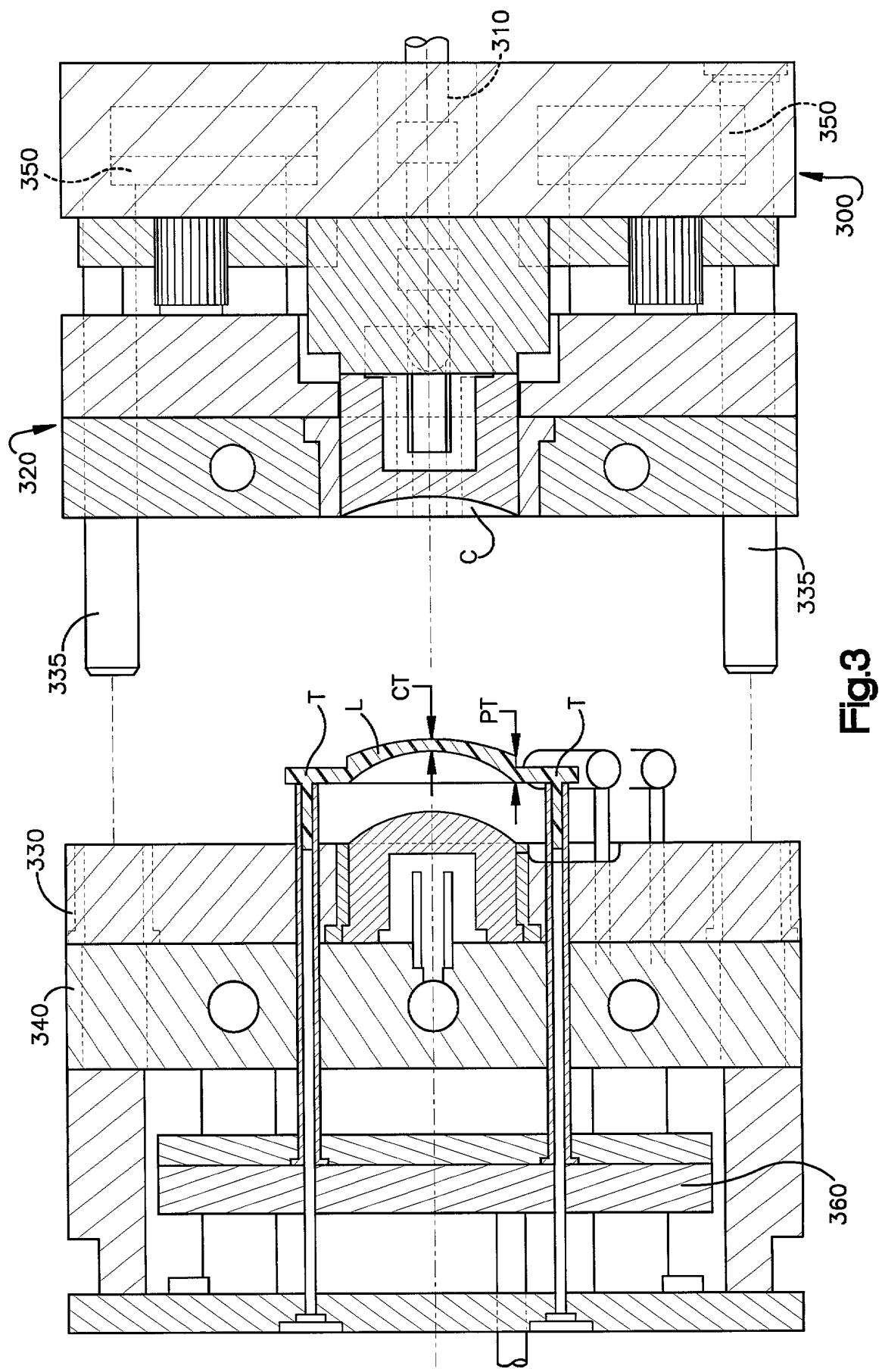
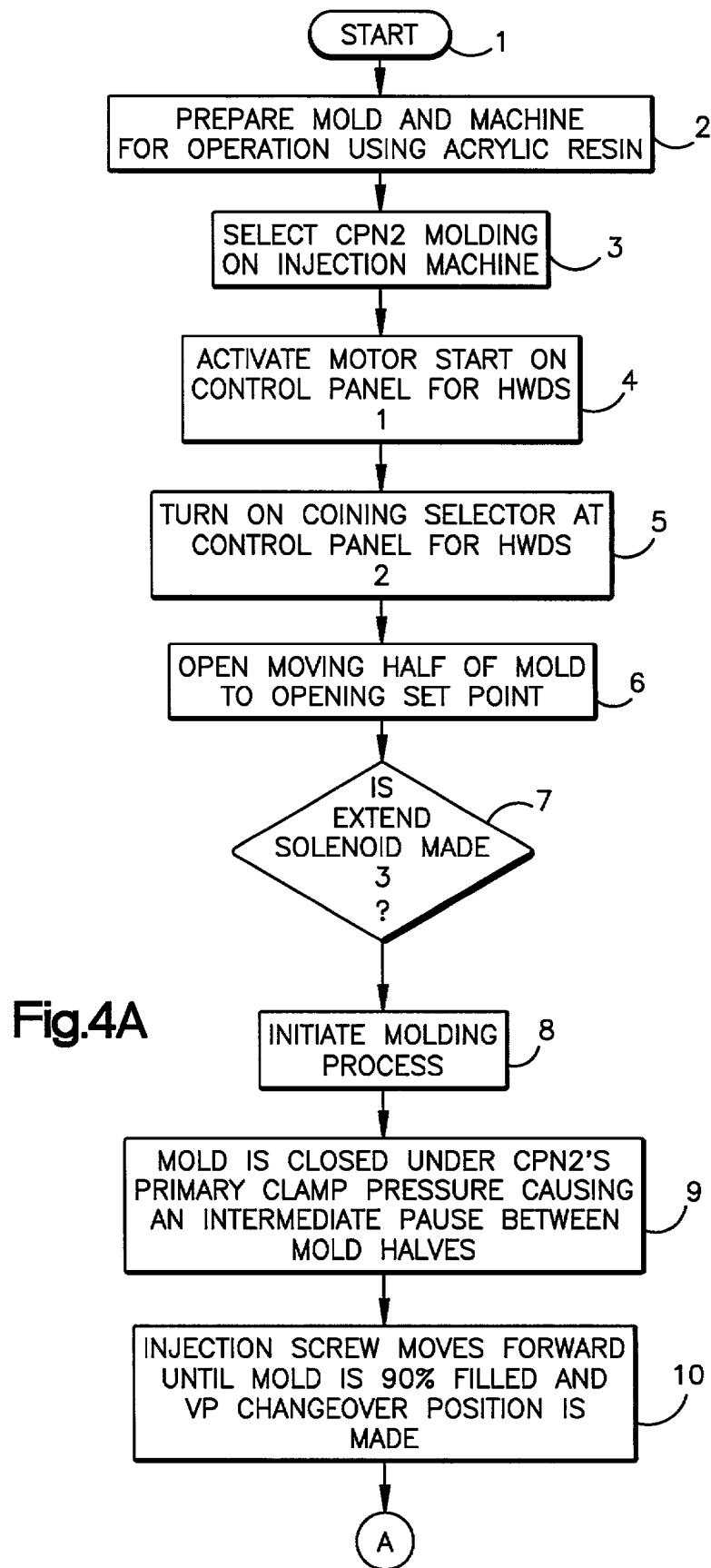


Fig.3



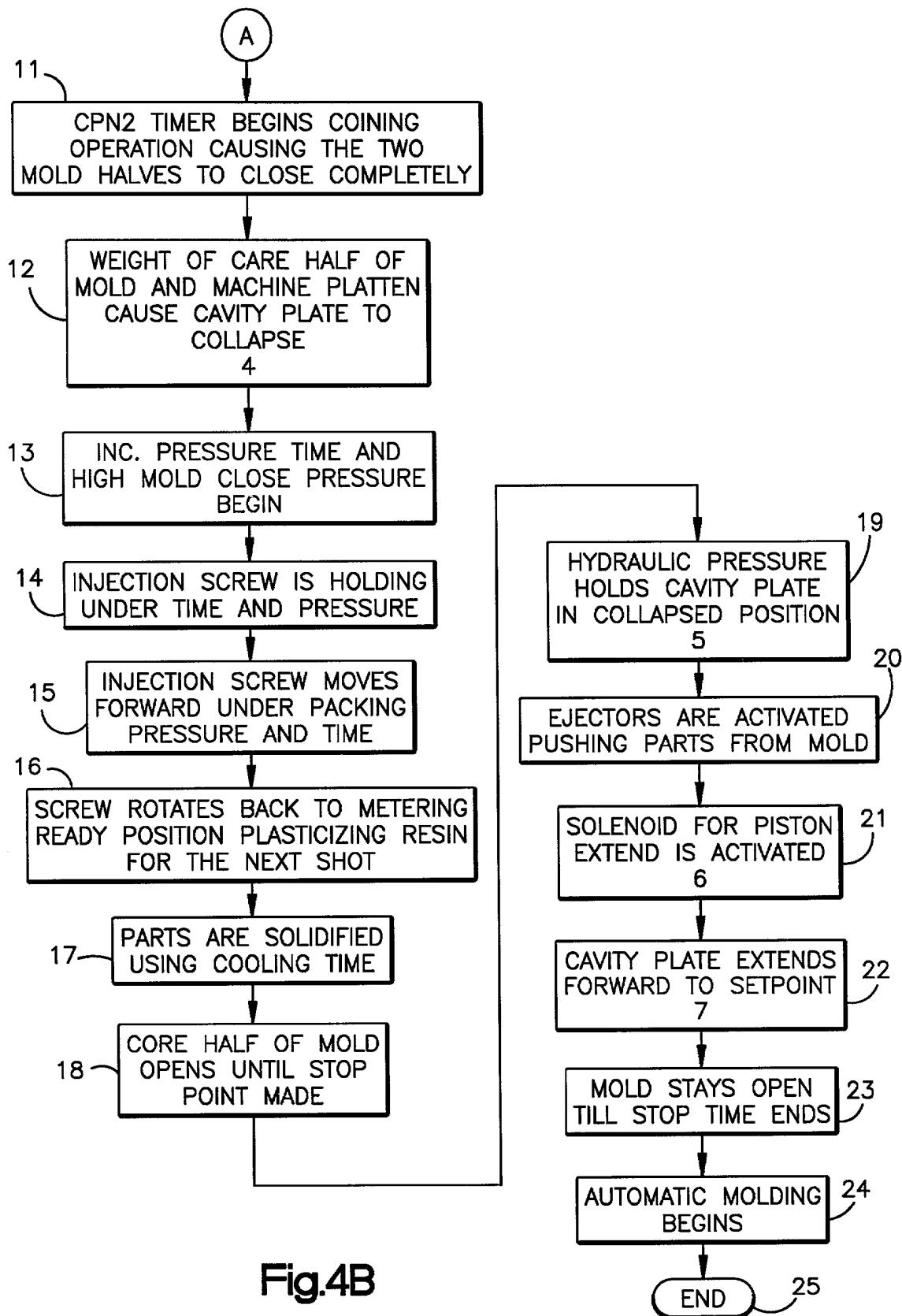


Fig.4B

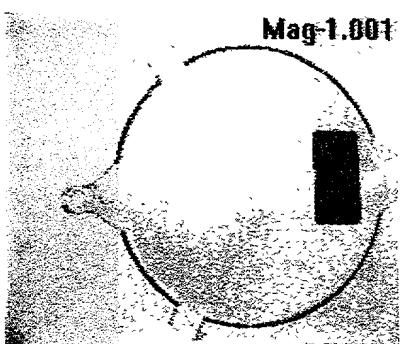


FIG. 5A

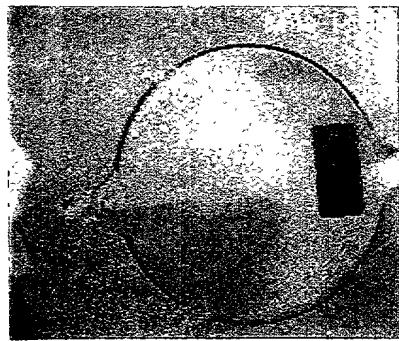


FIG. 5E

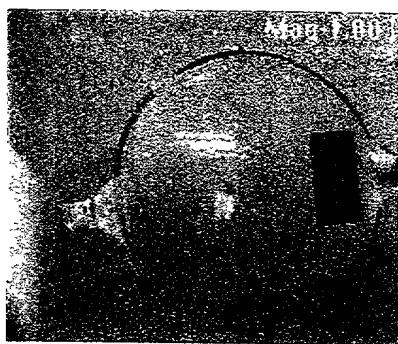


FIG. 5I

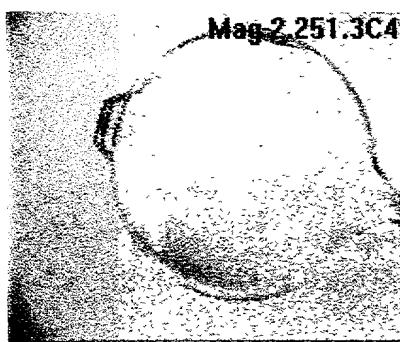


FIG. 5B

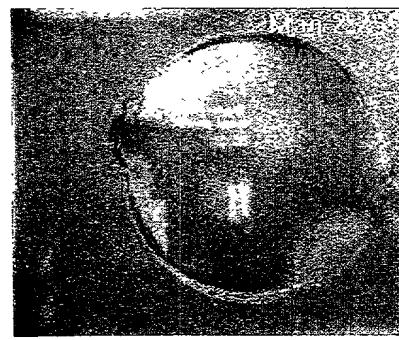


FIG. 5F

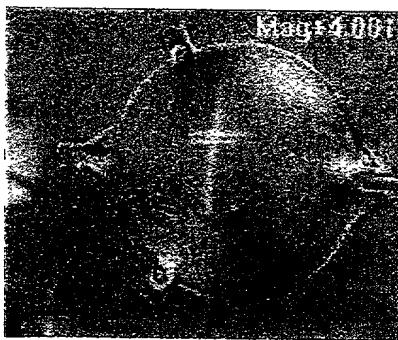


FIG. 5J

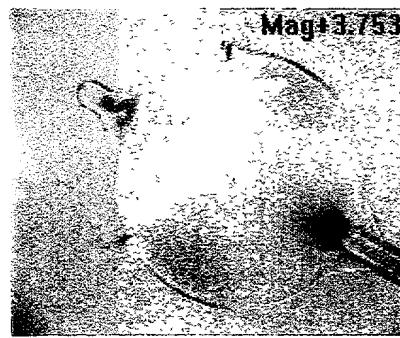


FIG. 5C

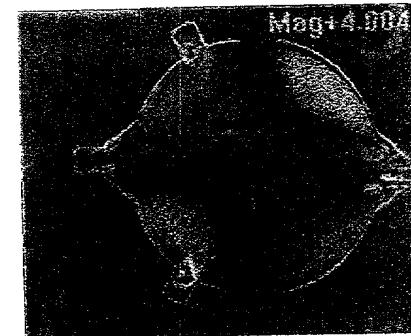


FIG. 5G

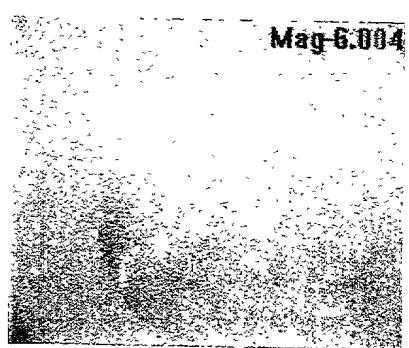


FIG. 5K

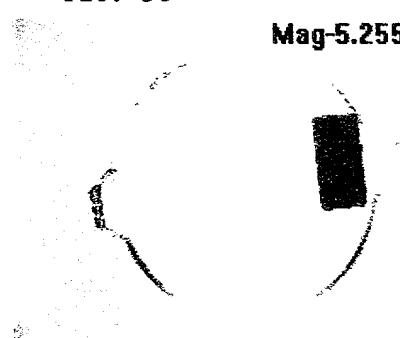


FIG. 5D

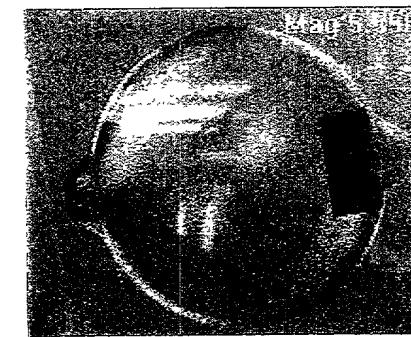


FIG. 5H

Gentex-2.002

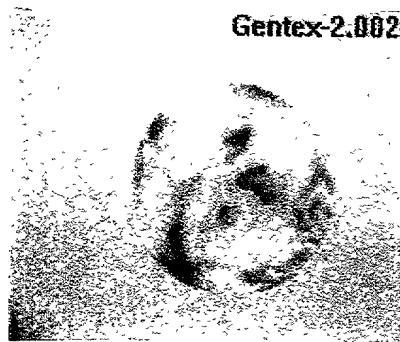


FIG. 6A

B-Gent-2.003

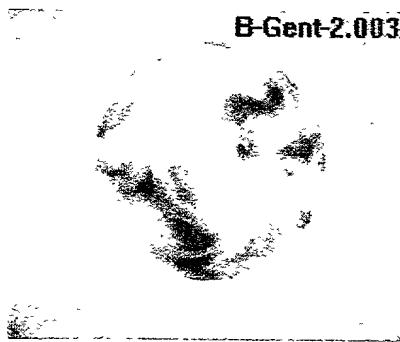


FIG. 6B

Gentex-4.002

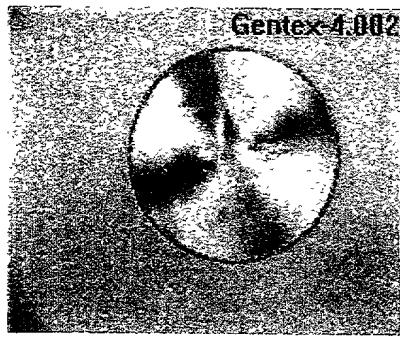


FIG. 6C

Versal-3.000

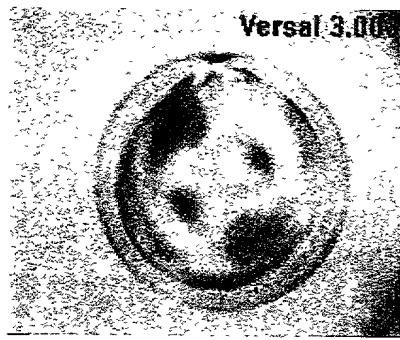


FIG. 6D

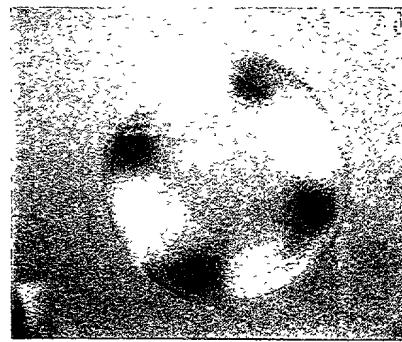


FIG. 6E

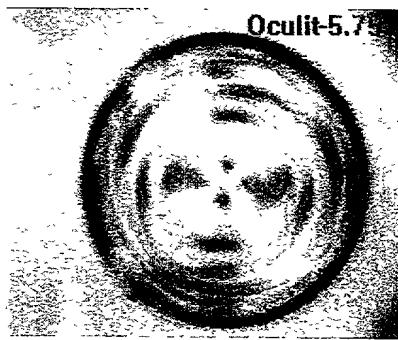


FIG. 6F

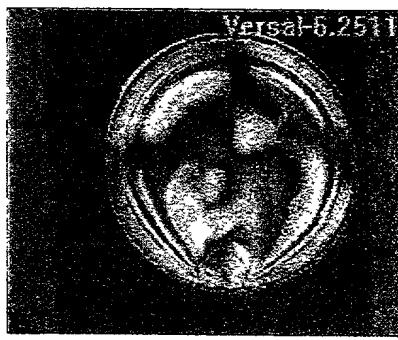


FIG. 6G

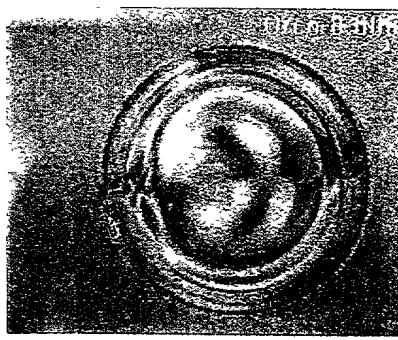


FIG. 6H

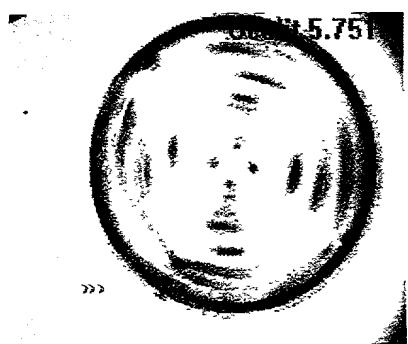


FIG. 6I

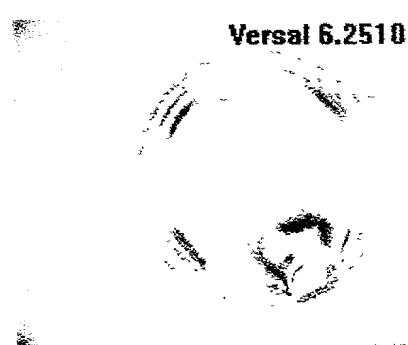


FIG. 6J

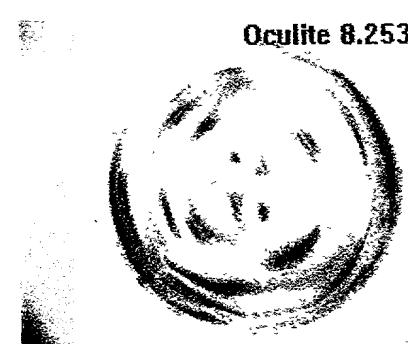


FIG. 6K

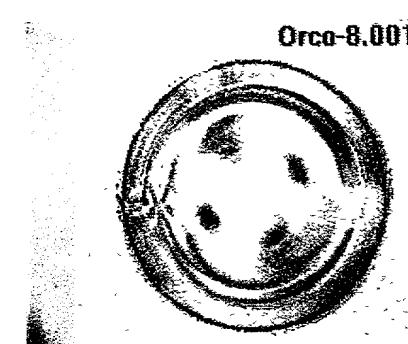


FIG. 6L



FIG. 6M

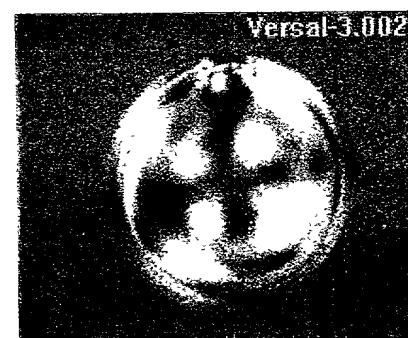


FIG. 6N

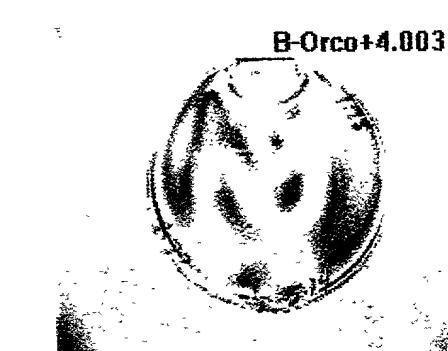


FIG. 6O

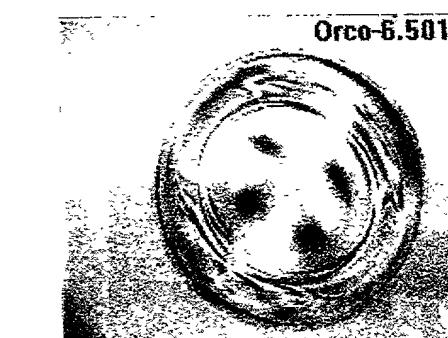


FIG. 6P

Lens Sample	Material	Thickness @ center (mm)	Max. force for 50% failure (in-lbs).
1. Magnivision - 5.25	Acrylic	1.3	37
2. Magnivision - 1.00	Acrylic	1.3	22.5
3. Magnivision - 2.25	Acrylic	1.3	22.5
4. Magnivision +2.5/- 1.00	Acrylic	1.3	25
5. Magnivision +3.75/-1.25	Acrylic	3.8	40
6. Magnivision +4.00/-1.25	Acrylic	6.4	40
7. Magnivision -6.00	Acrylic	1.3	30
8. Acrilite Baked 75 mm - 3.25/-1.00	Acrylic	1.7	25
9. Acrilite Baked 75 mm - +2.50/-1.5	Acrylic	1.7	25
10. Gentex 70 mm -2.00	Polycarbonate	1.9	>80
11. Versalite 71 mm -6.25	Polycarbonate	8.9	>80
12. Gentex 70 mm -4.00	Polycarbonate	1.7	>80
13. Lite Weights 82 mm	Polycarbonate	1.0	>80
14. Gentex Baked 70 mm -2.00	Polycarbonate	1.9	>80
15. Nalco 71 mm-6.25	CR 39	1.9	15

FIG. 7